

Applicant: Kenji Oe  
Serial No. 10/707,220  
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**Amendments to the Specification**

Please replace paragraph 0010 with the following rewritten paragraph:

--According to one aspect of the present invention, a DC motor drive circuit has a structure as shown in Fig. 1, including a position detecting portion C1 for producing two output signals having different phases that correspond to a rotational position of the rotor of the motor M1, a phase advancing portion C2 for receiving the two output signals from the position detecting portion C1 and for producing two phase-advanced output signals in which the phases of the output signals are advanced, and a current controlling portion C3 for receiving the two phase-advanced output signals from the phase advancing portion C2 and for supplying the winding with a drive signal in which the timing for supplying current is advanced.--

Please replace paragraph 0026 with the following rewritten paragraph:

--In this embodiment, a differential amplifying circuit 23 that works as a phase advancing circuit is added to the conventional drive circuit shown in Fig. 5. The differential amplifying circuit 23 is constructed with transistors 28, 29, constant current sources 32, 33, a condenser 31, and resistors 26, 27, 30, and the differential amplifying circuit 23 operates as a phase advancing circuit. One output terminal 9 of the Hall element 11 is connected to the base of the transistor 29 via a terminal 25 of the differential amplifying circuit 23, and the other output terminal 10 is connected to the base of the transistor 28 via a terminal 24 of the differential amplifying circuit 23. The Hall element 11 supplies a differential voltage that corresponds to a position of a magnetic pole of the rotor to bases of the transistors 28 and 29 that are input terminals of a differential amplifier 23. This voltage signal works so as to generate a voltage between the output terminals 34 and 35, where a phase of the voltage is advanced by the

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differential amplifier 23 by a time constant that corresponds to values of a resistor 30 and a capacitor 31 that are connected thereto.--

Please replace paragraph 0030 with the following rewritten paragraph:

—Another embodiment of this phase advancing circuit is shown in Fig. 4. This phase advancing circuit includes a capacitor 241, a resister 241 and an operational amplifier 231 for amplifying the signals thereof. In the present invention, any circuit structure can be applied to the phase advancing circuit portion as long as it realizes the phase advancing circuit function.--